CHANNEL ESTIMATOR FOR A RECEIVER AND METHOD OF OPERATION THEREOF

ABSTRACT OF THE DISCLOSURE

For use with an orthogonal frequency division multiplexing (OFDM) receiver, the present invention discloses a channel estimator that employs a training sequence received through a channel. In one embodiment, the channel estimator includes a response assesser and a reducer. The response assesser computes a channel impulse response of the channel in a time-domain based on the training sequence. The reducer, coupled to the response assesser, sets designated taps associated with the channel impulse response to substantially zero.